**Supplementary Table 1:** Correlation values for the analysis of trap vs. prey size and the analysis prey item vs. water depth of the microsite.

| | test | $R^2/r_{Sp}$ | p |
|---|---|---|---|
| Prey size vs. trap size | Linear model | -0.00054 | 0.33817 |
| Prey variance vs. trap size | Kruskal Wallis | - | 0.9682 |
| Water depth vs. prey variance (Cladocera) | Spearman correlation | -0.8539 | 0.007 |
| Water depth vs. prey variance (other taxa) | Spearman correlation | -0.034-0.531 | 0.1412-0.931 |